

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- Claims 1-8 (Cancelled)
- Claim 9 (Previously Presented) A method for inhibiting synovial cell growth, comprising administering to a patient in need thereof a pharmaceutical composition comprising humanized PM-1 antibody and a physiologically acceptable carrier.
- Claim 10 (Cancelled)
- Claim 11 (Previously Presented) The method according to claim 9, wherein the patient is a human.
- Claim 12 (Previously Presented) The method according to claim 11, wherein the antibody is administered in four divided doses from about 1 to 1000 mg.
- Claim 13 (Previously Presented) A method of treating chronic rheumatoid arthritis, comprising administering to a patient in need thereof a pharmaceutical composition comprising humanized PM-1 antibody and a physiologically acceptable carrier.
- Claim 14 (Previously Presented) The method according to claim 13, wherein the antibody suppresses abnormal growth of synovial cells.
- Claim 15 (Cancelled)
- Claim 16 (Previously Presented) The method according to claim 13, wherein the patient is a human.
- Claim 17 (Previously Presented) The method according to claim 16, wherein the antibody is administered in four divided doses from about 1 to 1000 mg.
- Claim 18 (Currently Amended) A method according to claim 9, wherein said humanized PM-1 antibody comprises
(A) L chains of an antibody to said human IL-6 receptor, each comprising:

(1) a variable (V) region of a light (L) chain of an antibody to the human IL-6 receptor having the following structure:

FR1¹-CDR1¹-FR2¹-CDR2¹-FR3¹-CDR3¹-FR4¹

wherein CDR1¹, CDR2¹ and CDR3¹ represent a set of three complementarity determining regions comprising a set of the following amino acid sequences:

CDR1¹ Arg Ala Ser Gln Asp Ile Ser Ser Tyr Leu Asn (SEQ ID NO: 2)

CDR2¹ Tyr Thr Ser Arg Leu His Ser (SEQ ID NO: 3)

CDR3¹ Gln Gln Gly Asn Thr Leu Pro Tyr Thr (SEQ ID NO: 4);

and the FR1¹, FR2¹, FR3¹ and FR4¹ comprise a set of

the following amino acid sequences:

FR1¹ Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala
Ser Val Gly Asp Arg Val Thr Ile Thr Cys (SEQ ID NO: 5)

FR2¹ Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu
Ile Tyr (SEQ ID NO: 6)

FR3¹ Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr
Asp Phe Thr Phe Thr Ile Ser Ser Leu Gln Pro Glu Asp
Ile Ala Thr Tyr Tyr Cys (SEQ ID NO: 7)

FR4¹ Phe Gly Gln Gly Thr Lys Val Glu Ile Lys (SEQ ID NO: 8);

or

FR1¹ Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala
Ser Val Gly Asp Arg Val Thr Ile Thr Cys (SEQ ID NO: 5)

FR2¹ Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu
Ile Tyr (SEQ ID NO: 6)

FR3¹ Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr
Asp Tyr Thr Phe Thr Ile Ser Ser Leu Gln Pro Glu Asp
Ile Ala Thr Tyr Tyr Cys (SEQ ID NO: 9)

FR4¹ Phe Gly Gln Gly Thr Lys Val Glu Ile Lys (SEQ ID NO: 8);

and

(2) a C region of an L chain of a human antibody C κ ; and [[N]]
 (B) H chains of an antibody to the human IL-6 receptor, each comprising:
 (1) a V region of a heavy (H) chain of an antibody to the human IL-6 receptor having the following structure:
 FR1²-CDR1²-FR2²-CDR2²-FR3²-CDR3²-FR4²
 wherein CDR1² CDR2² and CDR3² represent a set of three complementarity determining regions comprising a set of the following amino acid sequences:

CDR1² Ser Asp His Ala Trp Ser (SEQ ID NO: 10)
 CDR2² Tyr Ile Ser Tyr Ser Gly Ile Thr Thr Tyr Asn Pro Ser
 Leu Lys Ser (SEQ ID NO: 11)
 CDR3² Ser Leu Ala Arg Thr Thr Ala Met Asp Tyr (SEQ ID NO: 12);

and the FR1², FR2², FR3² and FR4² comprise a set of the following amino acid sequences:

FR1² Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Arg
 Pro Ser Gln Thr Leu Ser Leu Thr Cys Thr Val Ser Gly
 Tyr Ser Ile Thr (SEQ ID NO: 13)
 FR2² Trp Val Arg Gln Pro Pro Gly Arg Gly Leu Glu Trp Ile
 Gly (SEQ ID NO: 14)
 FR3² Arg Val Thr Met Leu Arg Asp Thr Ser Lys Asn Gln
 Phe Ser Leu Arg Leu Ser Ser Val Thr Ala Ala Asp Thr
 Ala Val Tyr Tyr Cys Ala Arg (SEQ ID NO: 15)
 FR4² Trp Gly Gln Gly Ser Leu Val Thr Val Ser Ser (SEQ ID NO: 16); and

(2) a C region of an H chain of a human antibody C γ .